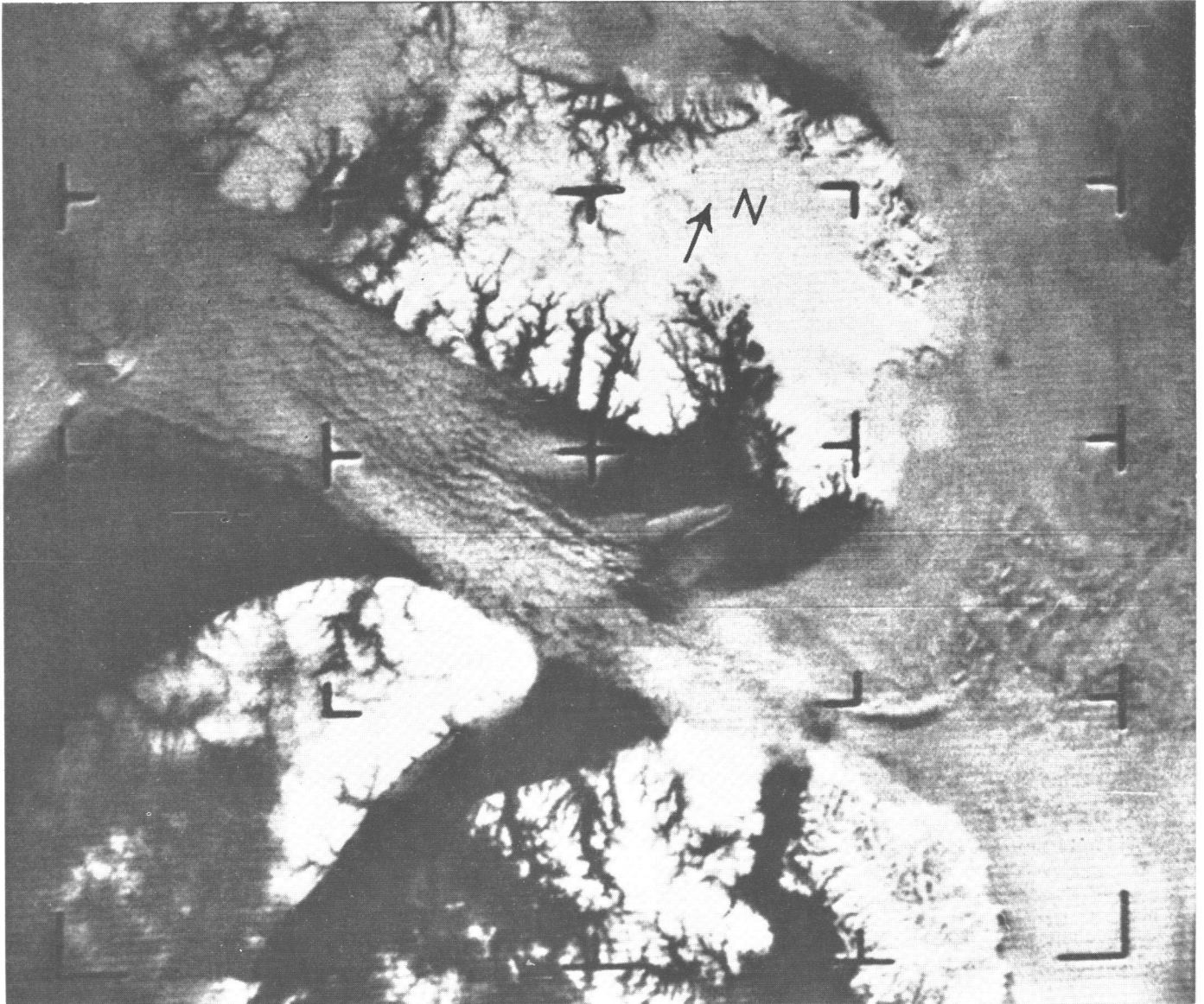


## PICTURE OF THE MONTH



Arctic snow and ice over some of the land areas west of Greenland and low-level cloud over the intervening water are clearly visible in this Nimbus I AVCS photograph taken on September 16, 1964, at 1557 GMT from an altitude of 462 km. The center-cross fiducial mark is located over Lancaster Sound near  $74.5^{\circ}$  N.,  $85^{\circ}$  W. Most of Devon Island is visible in the upper portion of the picture, and the peninsulas of northwestern Baffin Island appear in the lower portion. North is indicated by the arrow on Devon Island.

The surface synoptic analysis for 1200 GMT, September 16, showed a large anticyclone (1034 mb.) centered near the North Pole, with a general easterly flow in the lower levels over the pictured area. Temperatures were near freezing. The low-level cloudiness appears to be streaming westward from Baffin Bay across Lancaster Sound, roughly parallel to the geostrophic flow. A relatively small amount of ice is believed to have existed in this water at the time of the picture.